

BRUSH CREEK - SITE 12 WATERSHED REHABILITATION PROJECT

Introduction

Brush Creek Site 12 is a flood control dam in Mercer County, WV. It is one of ten flood control dams constructed on tributaries within the Brush Creek Watershed. The site is located approximately one mile upstream of the City of Princeton.



Sponsors

- Southern Conservation District
- Mercer County Commission
- West Virginia Conservation Agency

Resource Concerns

Rehabilitation is needed to bring the dam into compliance with current State and Federal dam design safety and engineering criteria and performance standards.

Benefits

The project is in the beginning stages of the watershed rehabilitation planning phase. Traditional dam rehabilitation benefits could include:

- Reduction in the potential for loss of life by reducing the possibility of dam failure,
- Reduction in the sponsors liability associated with the operation of a structure not meeting current dam safety criteria,
- Preservation of flood protection for residences, businesses, community and civic facilities, and infrastructure downstream,
- Protection of real estate values downstream, and
- New service life of 50-100 years.

Watershed Project Information

Brush Creek Site 12:

Project authorized in 1959 and construction was completed in 1965 for the purposes of flood protection.

Anticipated Rehabilitation Needs:

- Flattening the downstream embankment slope
- Replacing internal filter and drain system
- Improving the principal spillway system
- Improving the stability of auxiliary spillway
- Address embankment / foundation compatibility

Estimated Costs:

Total Project: \$5,100,000

Local Sponsor Share: \$1,600,000

Funding:

Federal cost-share equal to 65% of the total eligible project cost, but must not exceed 100% of the actual construction cost of the project. Local Project Sponsors are responsible for the non-Federal share of the cost of the rehabilitation project. USDA NRCS is the lead federal agency on the project.

Timeline

Assessment Phase: Completed in 2011

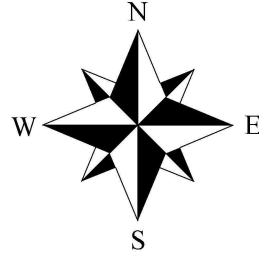
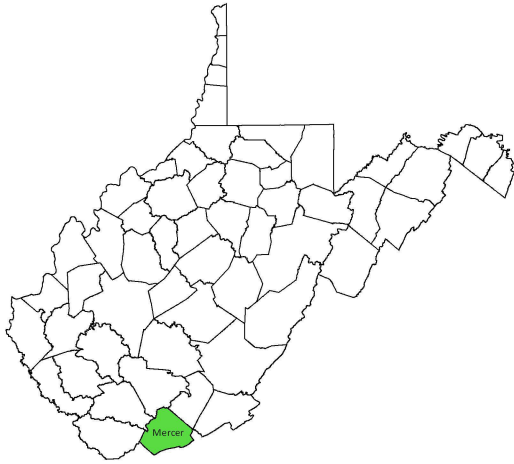
Planning Phase: 2022-2025 (estimated)

Design Phase: 2026-2027 (estimated)





Construction Phase: 2028-2030 (estimated)



BRUSH CREEK WATERSHED MERCER COUNTY, WEST VIRGINIA



LEGEND

-  Structure Number
-  Interstate Route
-  U.S. Numbered Highway
-  WV Numbered Highway

